BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: CONSTRUCTION OF MARKET BUILDING AT J.P.PARK IN WARD NO.17

RR Nagar Project

MEASUREMENT SHEETS

PAYMENT CERTIFICATE
4TH & FINAL BILL

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Fourth and Final Bill

tem No:	1	
Item Name:	Clearing grubbing road lane including up rooting rank vegitation , grass , brush , shrubs , sapling & trees of girth up to 300mm by manual means, in area of light jungle , removal of stumps , disposal of un serviceabale materials, stacking of serviceabale materials with in a lead of 100 mtr from road boundary , labour charges complete as per specifications.	

	CHAINAGE	NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark		(m)	(m)	(m)	(m)	(m)		
rst Bill									
ty vide on Measurement Sheet...File No - 2, Page No - 227 Qty								1660.00	Sqm
econd Bill		Qty						0.00	Sqm
hird Bill		Qty						0.00	Sqm
							Total Qty Workdone	1660.00	Sqm
							Deduct Paid Qty	1600.00	Sqm
							Qty on this Bill upto 125%	60.00	Sqm

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer

RR Nagara Division (Project)

Asst.Executive Engineer

RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

me of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Fourth and Final Bill

m No:	2	
Item lame:	Dismanteling of Exsisting structures like Culverts, Bridges, retaining wall & other structures compraising of masanry, cement concrete, wood work, steel work including T& P and scafflolding wherever necessary, sorting the Dismentalled metrial,disposoble of unserviceble material & stacking servicable material with lead of 1000 mts, complete as per specification 1.) Lime concrete/ Cement Concrete	

CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Front staircases - 1	1.00	3.60			3.30	0.20	2.38	
	10.00	3.60	0.02				0.81	
Front staircases - 2	1.00	2.10			3.30	0.20	1.39	
	10.00	2.10	0.02				0.47	
Front staircases - 3	1.00	2.10			3.30	0.20	1.39	
	10.00	2.10	0.02				0.47	
Front staircases - 4	1.00	2.10			3.30	0.20	1.39	
	10.00	2.10	0.02				0.47	
Front staircases - 5	1.00	2.10			3.30	0.20	1.39	
	10.00	2.10	0.02				0.47	

st Bill		
y vide on Measurement Sheet...File No - 2, Page No - 226 Qty	4.95	Cum
cond Bill Qty	0.00	Cum
ird Bill Qty	0.00	Cum
Total Qty Workdone	15.57	Cum
Deduct Paid Qty	4.95	Cum
Qty on this Bill upto 125%	1.24	Cum
Qty on this Bill above 125%	9.38	Cum

A.E.E (P) R.R.Nagar

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer

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Asst.Executive Engineer

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Fourth and Final Bill

Item No:	3	
Item Name:	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. –do– Dismantling brick/Tile work B. In cement mortar.	

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
First Bill									
Qty vide on Measurement Sheet...File No - 2, Page No - 225	Qty							20.70	Cum
Second Bill	Qty							0.00	Cum
Third Bill	Qty							0.00	Cum
	Total Qty Workdone							20.70	Cum
	Deduct Paid Qty							6.90	Cum
	Qty on this Bill upto 125%							1.73	Cum
	Qty on this Bill above 125%							12.08	Cum

Contractor Representative

Consultant Representative

Assistant Engineer

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Asst.Executive Engineer

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Fourth and Final Bill

Item No:	5	
Item Name:	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeeding 50 m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and nealty dressed as per specifications	

	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
First Bill									
Qty vide on Measurement Sheet...File No - 2, Page No - 224							Qty	240.00	Cum
Second Bill							Qty	0.00	Cum
Third Bill							Qty	0.00	Cum
							Total Qty Workdone	240.00	Cum
							Deduct Paid Qty	160.00	Cum
							Qty on this Bill upto 125%	40.00	Cum
							Qty on this Bill above 125%	40.00	Cum

Contractor Representative

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Fourth and Final Bill

Item No:	6	
Item Name:	KSRB -2-2.1 : Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications. (P.No.5, I.No.2.3 of PW,P & IWTD S.R 2016-17)	

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	For watersupply connection from bore well to OHT connection	1	56.00	0.75			0.90	37.80	
	For pannel board conduit	1	49.50	0.75			0.90	33.41	
	Front - east face along the building side	1	61.50	1.80			0.60	66.42	
Present Bill					**Qty**			**137.63**	**Cum**
First Bill									
Qty vide on Measurement Sheet...File No - 2, Page No - 222 Qty								**2823.68**	**Cum**
Second Bill					**Qty**			**0.00**	**Cum**
Third Bill					**Qty**			**0.00**	**Cum**
							Total Qty Workdone	**2961.31**	**Cum**
							Deduct Paid Qty	**1318.79**	**Cum**
							Qty on this Bill upto 125%	**329.70**	**Cum**
							Qty on this Bill above 125%	**1312.83**	**Cum**

E.E (P) R.R.N

A.E.E (P) R.R. Nagar

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Fourth and Final Bill

Item No:	9	
Item Name:	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.	

	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Front - east face along the building side	1.00	61.50	1.65			0.45	45.66	
Present Bill Qty								45.66	Cum
First Bill									
Qty vide on Measurement Sheet....File No - 2, Page No - 219 Qty								209.48	Cum
Second Bill	Qty							0.00	Cum
Third Bill	Qty							0.00	Cum
	Total Qty Workdone							255.14	Cum
	Deduct Paid Qty							209.48	Cum
	Qty on this Bill upto 125%							45.66	Cum

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Asst.Executive Engineer
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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Fourth and Final Bill

Item No:	10	
Item Name:	Providing and filling sand in foundation upto plinth to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications.	

	CHAINAGE	NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark		(m)	(m)	(m)	(m)	(m)		
First Bill									
Qty vide on Measurement Sheet...File No - 2, Page No - 2	17 Qty							32.34	Cum
Second Bill	Qty							0.00	Cum
Third Bill	Qty							0.00	Cum
							Total Qty Workdone	32.34	Cum
							Deduct Paid Qty	26.00	Cum
							Qty on this Bill upto 125%	6.34	Cum

Contractor Representative

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Fourth and Final Bill

Item No:	11	
Item Name:	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density.	

	CHAINAGE	NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark		(m)	(m)	(m)	(m)	(m)		
First Bill									
Qty vide on Measurement Sheet...File No - 2, Page No - 216 Qty								3563.22	Cum
Second Bill		Qty						0.00	Cum
Third Bill		Qty						0.00	Cum
							Total Qty Workdone	3563.22	Cum
							Deduct Paid Qty	508.10	Cum
							Qty on this Bill upto 125%	127.03	Cum
							Qty on this Bill above 125%	2928.10	Cum

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Fourth and Final Bill

Item No:	12	
Item Name:	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 5.75 cum machine mixed, concrete laid in layers not exceeding 15 cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specification	

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	For watersupply connection from bore	1	56.00	0.90			0.20	10.08	
	For pannel board conduit	1.00	49.50	0.90			0.20	8.91	
	Front - east face along the building side	1.00	61.50	1.80			0.30	33.21	
Present Bill Qty								**52.20**	**Cum**
First Bill									
Qty vide on Measurement Sheet...File No - 2, Page No - 214 Qty								**221.86**	**Cum**
Second Bill Qty								**0.00**	**Cum**
Third Bill Qty								**0.00**	**Cum**
							Total Qty Workdone	**274.06**	**Cum**
							Deduct Paid Qty	**191.90**	**Cum**
							Qty on this Bill upto 125%	**47.98**	**Cum**
							Qty on this Bill above 125%	**34.19**	**Cum**

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Fourth and Final Bill

Item No:	14	
Item Name:	Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Ground Floor	

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Front staircases - 1								
	Landing	1.00	3.00	1.80			0.20	1.08	
	Waistslab - Leftside	1.00	3.60	1.80			0.20	1.30	
	Steps - Left side								
		10.00	1.80	0.02				0.41	
	Waistslab - Right side	1.00	3.60	1.80			0.20	1.30	
	Steps - Right side								
		10.00	1.80	0.02				0.41	
	Front staircases - 2								
	Landing	1.00	3.00	1.80			0.20	1.08	
	Waistslab - Leftside	1.00	3.90	1.80			0.20	1.40	
	Steps - Left side								
		11.00	1.80	0.02				0.45	
	Waistslab - Right side	1.00	3.90	1.80			0.20	1.40	
	Steps - Right side								
		11.00	1.80	0.02				0.45	
	Front staircases - 3								
	Landing	1.00	3.00	1.80			0.20	1.08	
	Waistslab - Leftside	1.00	3.90	1.80			0.20	1.40	
	Steps - Left side								
		11.00	1.80	0.02				0.45	
	Waistslab - Right side	1.00	3.90	1.80			0.20	1.40	

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R.R. Nagar

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	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	Steps - Right side									
			11.00	1.80	0.02				0.45	
Present Bill Qty									14.04	Cum
First Bill									0.00	Cum
Second Bill					Qty				0.00	Cum
Third Bill					Qty				0.00	Cum
								Total Qty Workdone	14.04	Cum
								Deduct Paid Qty	0.00	Cum
								Qty on this Bill upto 125%	5.63	Cum
								Qty on this Bill above 125%	8.42	Cum

A.E.E (P
R.R.Nag

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

B.L.

Assistant Engineer

RR Nagara Division (Project)

Asst.Executive Engineer

RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Fourth and Final Bill

Item No:	**18**	
Item Name:	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) Ready mixed Cement concrete for Beams, Staircase and Roof with M-30-Ground floor	

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
First Bill									
Qty vide on Measurement Sheet...File No - 2, Page No - 209						Qty		680.89	Cum
Second Bill						Qty		0.00	Cum
Third Bill						Qty		0.00	Cum
						Total Qty Workdone		680.89	Cum
						Deduct Paid Qty		649.50	Cum
						Qty on this Bill upto 125%		31.39	Cum

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS CIVIL Bangalore

Consultant Representative

Assistant Engineer

RR Nagara Division (Project)

Asst.Executive Engineer

RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Fourth and Final Bill

Item No:	19
Item Name:	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges -Ready mixed Cement concrete for Beams, Staircase and Roof with M-30 First Floor

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Front Staircase - 1								
	Steps	9.00	2.00	0.25	0.50		0.20	0.45	
	Waist slab	1.00	2.00	3.30			0.15	0.99	
	Front Staircase - 2								
	Steps	9.00	2.00	0.25	0.50		0.20	0.45	
	Waist slab	1.00	2.00	3.30			0.15	0.99	
	Front Staircase - 3								
	Steps	9.00	2.00	0.25	0.50		0.20	0.45	
	Waist slab	1.00	2.00	3.30			0.15	0.99	
	Front Staircase - 4								
	Steps	9.00	2.00	0.25	0.50		0.20	0.45	
	Waist slab	1.00	2.00	3.30			0.15	0.99	
First Bill									
Qty vide on Measurement Sheet...File No - 2, Page No - 206				**Qty**				**234.01**	**Cum**
Second Bill				**Qty**				**0.00**	**Cum**
Third Bill				**Qty**				**5.76**	**Cum**
							Total Qty Workdone	**239.77**	**Cum**
							Deduct Paid Qty	**211.50**	**Cum**
							Qty on this Bill upto 125%	**28.27**	**Cum**

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R.R.Nagar

Contractor Representative

Consultant Representative

Assistant Engineer
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Asst.Executive Engineer
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BRUHAT BANGALORE MAHANAGARA PALIKE									
Name of Work:-Construction of Market Building At Jp Park in Ward No 17.									
Measurement Sheet									
Fourth and Final Bill									
Item No:	20								
Item Name:	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges Ready mixed Cement concrete for Beams, Staircase and Roof with M-30 Second Floor								
	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
First Bill									
Qty vide on Measurement Sheet...File No - 2, Page No - 203	Qty							231.23	Cum
Second Bill	Qty							0.00	Cum
Third Bill	Qty							6.79	Cum
	Total Qty Workdone							238.02	Cum
	Deduct Paid Qty							189.00	Cum
	Qty on this Bill upto 125%							47.25	Cum
	Qty on this Bill above 125%							1.77	Cum

E.E (P) R.R.N

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BRUHAT BANGALORE MAHANAGARA PALIKE									
Name of Work:-Construction of Market Building At Jp Park in Ward No 17.									
Measurement Sheet									
Fourth and Final Bill									
Item No:	21								
Item Name:	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges -Ready mixed Cement concrete for Beams, Staircase and Roof with M-30 Third Floor								
	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
First Bill					Qty			0.00	Cum
Second Bill									Cum
Qty vide on Measurement Sheet...File No - 2, Page No - 401					Qty			235.10	Cum
Third Bill					Qty			6.79	Cum
							Total Qty Workdone	241.89	Cum
							Deduct Paid Qty	189.00	Cum
							Qty on this Bill upto 125%	47.25	Cum
							Qty on this Bill above 125%	5.64	Cum

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE									
Name of Work:-Construction of Market Building At Jp Park in Ward No 17.									
Measurement Sheet									
Fourth and Final Bill									
Item No:	22								
Item Name:	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges -Ready mixed Cement concrete for Beams, Staircase and Roof with M-30 Terrece Floor								
	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
First Bill				Qty				0.00	Cum
Second Bill									Cum
Qty vide on Measurement Sheet...File No - 2, Page No - 400				Qty				13.29	Cum
Third Bill				Qty				9.50	Cum
							Total Qty Workdone	22.79	Cum
							Deduct Paid Qty	14.50	Cum
							Qty on this Bill upto 125%	3.63	Cum
							Qty on this Bill above 125%	4.66	Cum

Contractor Representative

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Fourth and Final Bill

Item No:	25	
Item Name:	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications. - Ground Floor	

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
First Bill									Sqm
Qty vide on Measurement Sheet...File No - 2, Page No - 196		Qty						1015.77	Sqm
Second Bill		Qty						0.00	Sqm
Third Bill		Qty						0.00	Sqm
							Total Qty Workdone	1015.77	Sqm
							Deduct Paid Qty	1012.00	Sqm
							Qty on this Bill upto 125%	3.77	Sqm

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Fourth and Final Bill

Item No:	27	
Item Name:	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 - Second Floor	

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
First Bill									Sqm
Qty vide on Measurement Sheet...File No - 2, Page No - 190		Qty						383.93	Sqm
Second Bill									Sqm
Qty vide on Measurement Sheet...File No - 2, Page No - 398		Qty						53.28	
Third Bill		Qty						0.00	Sqm
							Total Qty Workdone	437.21	Sqm
							Deduct Paid Qty	406.70	Sqm
							Qty on this Bill upto 125%	30.51	Sqm

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer

RR Nagara Division (Project)

Asst.Executive Engineer

RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE									
Name of Work:-Construction of Market Building At Jp Park in Ward No 17.									
Measurement Sheet									
Fourth and Final Bill									
Item No:	28								
Item Name:	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications. - Third Floor								
	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
First Bill					Qty			0.00	Sqm
Second Bill									
Qty vide on Measurement Sheet...File No - 2, Page No - 397					Qty			53.28	Sqm
Third Bill					Qty			383.93	Sqm
							Total Qty Workdone	437.21	Sqm
							Deduct Paid Qty	406.70	Sqm
							Qty on this Bill upto 125%	30.51	Sqm

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE									
Name of Work:-Construction of Market Building At Jp Park in Ward No 17.									
Measurement Sheet									
Fourth and Final Bill									
Item No:	29								
Item Name:	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications. - Terrece Floor								
	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
First Bill			Qty					0.00	Sqm
Second Bill			Qty						
Qty vide on Measurement Sheet...File No - 2, Page No - 396			Qty					42.00	
Third Bill			Qty					23.77	Sqm
							Total Qty Workdone	65.77	Sqm
							Deduct Paid Qty	42.00	Sqm
							Qty on this Bill upto 125%	10.50	Sqm
							Qty on this Bill above 125%	13.27	Sqm

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Fourth and Final Bill

Item No:	37	
Item Name:	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. -First Floor	

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
First Bill									
Qty vide on Measurement Sheet...File No - 2, Page No - 188		Qty						413.60	Sqm
Second Bill		Qty						0.00	Sqm
Third Bill		Qty						0.00	Sqm
							Total Qty Workdone	413.60	Sqm
							Deduct Paid Qty	361.12	Sqm
							Qty on this Bill upto 125%	52.48	Sqm

Contractor Representative

Consultant Representative

Assistant Engineer

RR Nagara Division (Project)

Asst.Executive Engineer

RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE									
Name of Work:-Construction of Market Building At Jp Park in Ward No 17.									
Measurement Sheet									
Fourth and Final Bill									
Item No:	40								
Item Name:	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 -Terrece Floor								
	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
First Bill				Qty				0.00	Sqm
Second Bill				Qty					
Qty vide on Measurement Sheet...File No - 2, Page No - 394				Qty				44.61	Sqm
Third Bill				Qty				64.80	Sqm
							Total Qty Workdone	109.41	Sqm
							Deduct Paid Qty	29.10	Sqm
							Qty on this Bill upto 125%	7.28	Sqm
							Qty on this Bill above 125%	73.04	Sqm

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore CIVIL

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE									
Name of Work:-Construction of Market Building At Jp Park in Ward No 17.									
Measurement Sheet									
Fourth and Final Bill									
Item No:	41								
Item Name:	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification upto 3.5 m from Ground level - Ground Floor								
	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
First Bill									
Qty vide on Measurement Sheet...File No - 2, Page No - 186			Qty					950.52	Sqm
Second Bill			Qty					0.00	Sqm
Third Bill			Qty					0.00	Sqm
							Total Qty Workdone	950.52	Sqm
							Deduct Paid Qty	924.42	Sqm
							Qty on this Bill upto 125%	26.10	Sqm

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Fourth and Final Bill

Item No:	42	
Item Name:	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification upto 3.5 m from Ground level - First Floor	

	CHAINAGE	NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark		(m)	(m)	(m)	(m)	(m)		
First Bill									
Qty vide on Measurement Sheet...File No - 2, Page No - 185		Qty						950.52	Sqm
Second Bill		Qty						0.00	Sqm
Third Bill		Qty						0.00	Sqm
							Total Qty Workdone	950.52	Sqm
							Deduct Paid Qty	865.80	Sqm
							Qty on this Bill upto 125%	84.72	Sqm

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer

RR Nagara Division (Project)

Asst.Executive Engineer

RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Fourth and Final Bill

Item No:	43	
Item Name:	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification upto 3.5 m from Ground level -Second Floor	

	CHAINAGE	NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark		(m)	(m)	(m)	(m)	(m)		
First Bill									
Qty vide on Measurement Sheet...File No - 2, Page No - 184							Qty	950.52	Sqm
Second Bill							Qty	0.00	Sqm
Third Bill							Qty	0.00	Sqm
							Total Qty Workdone	950.52	Sqm
							Deduct Paid Qty	865.80	Sqm
							Qty on this Bill upto 125%	84.72	Sqm

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer

RR Nagara Division (Project)

Asst.Executive Engineer

RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE									
Name of Work:-Construction of Market Building At Jp Park in Ward No 17.									
Measurement Sheet									
Fourth and Final Bill									
Item No:	44								
Item Name:	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification upto 3.5 m from Ground level -Third Floor								
	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
First Bill			Qty					0.00	Sqm
Second Bill									
Qty vide on Measurement Sheet...File No - 2, Page No - 393			Qty					940.41	Sqm
Third Bill			Qty					0.00	Sqm
							Total Qty Workdone	940.41	Sqm
							Deduct Paid Qty	865.80	Sqm
							Qty on this Bill upto 125%	74.61	Sqm

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE									
Name of Work:-Construction of Market Building At Jp Park in Ward No 17.									
Measurement Sheet									
Fourth and Final Bill									
Item No:	46								
Item Name:	Providing and removing centring, shuttering, strutting, proping etc., and removal of form work for stairs (excluding landing) except spiral staircase including cost of all materials,labour complete as per specification and directed by the Engineer in Charge - Ground Floor to First Floor								
	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Front staircases - 1								
	Landing bottom	1.00	3.00	1.80				5.40	
	Landing sides	2.00	3.00				0.30	1.80	
	Waistslab - Leftside bottom	1.00	3.60	1.80				6.48	
	Waistslab - Leftside sides	2.00	3.60				0.30	2.16	
	Steps - Left side	10.00	1.80				0.30	5.40	
	Waistslab - Right side bottom	1.00	3.60	1.80				6.48	
	Waistslab - Rightside sides	2.00	3.60				0.30	2.16	
	Steps - Right side	10.00	1.80				0.30	5.40	
	Front staircases - 2								
	Landing bottom	1.00	3.00	1.80				5.40	
	Landing sides	2.00	3.00				0.30	1.80	
	Waistslab - Leftside bottom	1.00	3.90	1.80				7.02	
	Waistslab - Leftside sides	2.00	3.90				0.30	2.34	
	Steps - Left side	11.00	1.80				0.30	5.94	
	Waistslab - Right side bottom	1.00	3.90	1.80				7.02	
	Waistslab - Rightside sides	2.00	3.90				0.30	2.34	
	Steps - Right side	11.00	1.80				0.30	5.94	
	Front staircases - 3								
	Landing bottom	1.00	3.00	1.80				5.40	
	Landing sides	2.00	3.00				0.30	1.80	
	Waistslab - Leftside bottom	1.00	3.90	1.80				7.02	
	Waistslab - Leftside sides	2.00	3.90				0.30	2.34	
	Steps - Left side	11.00	1.80				0.30	5.94	
	Waistslab - Right side bottom	1.00	3.90	1.80				7.02	

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R.R.Nagar

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	Waistslab - Rightside sides	2.00	3.90				0.30	2.34	
	Steps - Right side	11.00	1.80				0.30	5.94	
Present Bill Qty								110.88	Sqm
First Bill						Qty			
Qty vide on Measurement Sheet...File No - 2, Page No - 183						Qty		67.66	Sqm
Second Bill						Qty		0.00	Sqm
Third Bill						Qty		55.92	Sqm
							Total Qty Workdone	234.46	Sqm
							Deduct Paid Qty	24.50	Sqm
							Qty on this Bill upto 125%	6.13	Sqm
							Qty on this Bill above 125%	203.84	Sqm

A.E.E (P)
R.R.Nagar

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE									
Name of Work:-Construction of Market Building At Jp Park in Ward No 17.									
Measurement Sheet									
Fourth and Final Bill									
Item No:	47								
Item Name:	Providing and removing centring, shuttering, strutting, proping etc., and removal of form work for stairs (excluding landing) except spiral staircase including cost of all materials,labour complete as per specification and directed by the Engineer in Charge - First Floor to Second Floor								
	CHAINAGE	NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark		(m)	(m)	(m)	(m)	(m)		
First Bill									
Qty vide on Measurement Sheet...File No - 2, Page No - 182			Qty					28.05	Sqm
Second Bill			Qty					0.00	Sqm
Third Bill			Qty					0.00	Sqm
							Total Qty Workdone	28.05	Sqm
							Deduct Paid Qty	21.30	Sqm
							Qty on this Bill upto 125%	5.33	Sqm
							Qty on this Bill above 125%	1.43	Sqm

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer

RR Nagara Division (Project)

Asst.Executive Engineer

RR Nagara Division (Project)

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